

Other Road Maintenance Items and Summary

Version 2.0

Sale name

RAFT THIN

Pre-Haul Maintenance

(Open road, blading, small slide removal, etc.)

Type	Mtce By	Total Cost
Blading: All Unpaved Roads (25.75mi @ \$1500/mi)	2	\$38,625.00
Brushing: All Roads Except 4300 and 4200 (35.69mi @ \$1200/mi)	2	\$42,828.00
Spot Rock: 2610,2640,4330,2130230 (650cy @ \$40/cy)	2	\$26,000.00
Ditch Clean & Disposal: 2610, 2131, 2130230 (160cy @ \$30/cy)	2	\$4,800.00
Culvert Cleaning: 2610, 4310, 4330 (18 @ \$80ea)	2	\$1,440.00
Danger Trees: All Roads Except 4300 and 4200 (180 @ \$35ea)	2	\$6,300.00

Purchaser Road Maintenance for All Roads (During Haul) \$4,442.80

Miscellaneous Road Maintenance Items

(Damage to roads from logging, dust abatement, etc.)

Type	Mtce By	Total Cost
Remove and Replace Berm: 2130300,2610012 4300016,4320012,4320220,4330014,4330016 (7 Roads @ \$500 ea)	2	\$3,500.00
Pavement Protection (4 Landings @ \$300ea)	2	\$1,200.00

Approval

Prepared By	<i>Rohit & Ballard</i>	8/07/12	Road Management
Reviewed By	<i>[Signature]</i>	08/07/2012	Project Engineer
Reviewed By	<i>[Signature]</i>	08/08/2012	Systems Manager

Post-Haul Maintenance

(Road closures, seeding, etc.)



Type	Mtce By	Total Cost
Blading: All Unpaved Roads ML2 and Higher (23.03mi @ \$1500/mi)	2	\$34,545.00
Vegetation Establishment: All Landings (53 Landings @ \$27ea.)	2	\$1,431.00

Mtce By: 1=FS, 2=Purchaser, 3=Other

Maintenance and Haul Summary

(Normal maintenance included, from Road Report)

Item	Value	
Appraisal point	Odell	
District or Forest	Mt. Hood	
Termination date	10/31/15	
Appraised by	B. Ballard	
Net volume - CCF	16,730	
Distance-appraisal point from sale area (mi)	45.85	
Haul round trip minutes (RTM's)	153.76	
Delay RTM's	10.00	
Total RTM's	163.76	
Maintenance Item	Total \$'s	Per CCF
Required rd maint deposits, FS (CT5.32)	\$15,057.00	\$0.90
Purchaser maintenance	\$161,611.80	\$9.66
Other maintenance (CT5.32)	\$0.00	\$0.00
Subtotal FS & other (CT5.32)	\$15,057.00	\$0.90
Total for appraisal - Road Maintenance	\$176,668.80	\$10.56